



2006

# POOL & SPA

## CROSS REFERENCE & PRICING GUIDE

---

FILTERS & CARTRIDGES



**HARMSCO®**

Clean & Clear Filtration Since 1958

# TABLE OF CONTENTS

<b>Leader in Quality.....1</b>	Watkins (Hot Springs).....16	Haugh's (Niagara Whirlpool).....19	Signature Spas.....23
<b>Calypto Flow.....2</b>	Wet Institute.....16	Hawkeye Spas.....19	Sonoma Spas.....23
<b>Harmsco® SureSafe™</b>	<b>Harmsco® Spa</b>	Heldor Spas.....20	Spa Crest.....23
<b>Antimicrobial Cartridges.....3</b>	<b>Cartridges.....17-24</b>	Hollbaugh Spas.....20	Streamline Spas.....23
<b>Harmsco® Filter Cartridges</b>	Accent Spas.....17	Hot Springs Spas	Sunbelt Spas.....23
<b>Cross Reference.....4</b>	Acryx-Max Spas (Canada).....17	(Watkins Mfg.).....20	Suncountry Spas.....23
<b>Harmsco® Swimming Pool</b>	Alps Spas.....17	Hydro Pool Industries	Sundance Spas
<b>Filters.....5-6</b>	American Spas.....17	(Serenity Spas).....20	(Suntub Models).....23
<b>Harmsco® Swimming Pool</b>	Apollo Spas.....17	Hydro Spa	Sunrise Spas.....23
<b>Cartridges.....7-8</b>	Aqua Tech Spas.....17	(After Hours Spas).....20	Sunset Spas.....23
<b>Harmsco® Swimming Pool</b>	Aquiform-Infinity Spas.....17	Jacuzzi Whirlpool Bath.....20	Superior Spas.....23
<b>Replacement Cartridges 9-16</b>	Aqua Mystic.....17	J.E.M. Spas	Thermo Spas of Connecticut...24
Airwick/Heldor/Vak-Pak.....9	Aries Spa.....18	(Majestic Industries).....20	Tiara Spas.....24
American Products.....9	Arizona Pacific.....18	Leisure Bay Spas.....20	US Spas.....24
Baker Hydro.....10	Baja Spas.....18	Marathon Spas.....21	US Tooling & Spa.....24
Coleco.....10	Cal Spas.....18	Millennium Spas.....21	Viking Spas.....24
Hayward.....10-11	Charisma Spas.....18	Moonwater Spas.....21	Vita Spas (DM Industries).....24
Jacuzzi Brothers.....11	Coast Spas (Canada).....18	Moose Mountain Spas	Warm Springs Spas.....24
Martec/Sonfarrel.....11	Coleman Spas.....18	(Canada).....21	Wind River Spas.....24
Muskin (Sears).....12	Dakota Spas.....18	Morgan Spas.....21	
Pac Fab.....12	DFA Spas (Arizona Pacific).....18	Nemco.....21	
Pentair Pool Products.....13	Diamond Spas	Nordic Hot Tubs.....21	
Purex Replacements.....14	(Aquatic Industries).....18	Northwest Spas.....21	
Rainbow Plastics (Pentair).....14	Discovery Spas.....19	PDC Spas.....21	
Rec Warehouse	Dolphin Spas.....19	Pageant Spas.....22	
(Leisure Bay Mfg).....15	Dynasty Spas.....19	Phoenix Spas.....22	
Sta-Rite (Swimquip)	Emerald Spas.....19	QCA.....22	
Posi-Clean.....15	Esther Williams.....19	River Valley Spas.....22	
Sta-Rite PRC Filter.....15	Freedom Spas	Safari Spas	
Sta-Rite Posi-Flow/	(Concord, Patriot,	(Aquatic Industries).....22	
Posi-Flow II.....16	Ambassador, Executive).....19	Santana (Conger Bros.).....22	
Swim Quip	Freedom Spas	Seahorse Spas.....22	
(Sta-Rite Posi-Clean).....16	(Models after 1993).....19	Sequoia Design.....22	
Waterway Plastics.....16	GPM Industries.....19	Seven Seas.....22	
			<b>Cross Reference</b>
			<b>By Height.....25-31</b>
			8" - 9" Height.....25
			10" - 13" Height.....26
			14" - 18" Height.....27
			19" - 20" Height.....28
			22" - 28" Height.....29
			29" - 32" Height.....30
			33" - 42" Height.....31
			<b>Questions &amp; Answers.....32</b>
			<b>Cartridge Cleaning</b>
			<b>Instructions.....33</b>

# CHOOSE THE LEADER IN QUALITY SINCE 1958



## **FILTER HOUSINGS**

- 304 Stainless steel
- Patented up-flow cartridge filtration
- Electro-polished for superior finish and durability
- Fail-safe lids with individual studs for security and safety
- Built to last and last!



## **CARTRIDGE FILTERS**

- More surface area for filtration
- Engineered for long use and durability
- Cleanable and reusable
- Harmsco® SureSafe™ anti-microbial cartridges available

*Ask your Harmsco® representative for details.*

**NEW HARMSCO® SPA REPLACEMENT CARTRIDGES COMING SOON**  
**CALL FOR DETAILS**

# CALYPSO FLOW

	CFC-75TC	CFC-100TC	CFC-150TC
Media Area	75 SQ FT	100 SQ FT	150 SQ FT
Max. Operating Pressure	50 psi	50 psi	50 psi
Max. Flow Rate	75 GPM	100 GPM	150 GPM
Inlet	1.5"	2"	2"
Outlet	1.5"	2"	2"
Shipping Weight	20 lbs	23 lbs	27 lbs



## **CFC-75TC CARTRIDGE-\$54**

Harmsco® Urethane End Caps

PVC Center Core

75 SQ. FT. Media

14-3/4" in Height

## **CFC-100TC CARTRIDGE-\$64**

Harmsco® Urethane End Caps

PVC Center Core

100 SQ. FT. Media

19-3/8" in Height

## **CFC-150TC CARTRIDGE-\$79**

Harmsco® Urethane End Caps

PVC Center Core

150 SQ. FT. Media

24" in Height

# HARMSCO® SURESAFE™ ANTIMICROBIAL CARTRIDGES

Harmsco P/No.	Filter Model	Price
<b>HARMSCO®</b>		
TC/55-AM	Harmsco 55 sq ft	\$ 80.43
TC/75-AM	Harmsco 75 sq ft	\$ 116.03
TC/105-AM	Harmsco 105 sq ft	\$ 121.80
TC/155-AM	Harmsco 155 sq ft	\$ 177.27

<b>HARMSCO® HURRICANE®</b>		
HC/40TC-AM	Harmsco Hurricane 40	\$ 96.13
HC/90TC-AM	Harmsco Hurricane 90	\$ 131.99
HC/170TC-AM	Harmsco Hurricane 170	\$ 187.21

<b>CLEAN &amp; CLEAR</b>		
H-9405-AM	Clean & Clear 50 sq ft	\$ 69.04
H-9407-AM	Clean & Clear 75 sq ft	\$ 83.16
H-9410-AM	Clean & Clear 100 sq ft	\$ 123.32
H-9415-AM	Clean & Clear 150 sq ft	\$ 187.58
H-9419-AM	Clean & Clear 200 sq ft	\$ 193.99

<b>HAYWARD</b>		
H-8600-AM	Hayward 800	\$ 119.07
H-8409-AM	Hayward 900	\$ 120.28
H-8610-AM	Hayward 1100	\$ 127.84
H-8412-AM	Hayward 1200	\$ 164.75
H-8417-AM	Hayward 1750	\$ 179.07

Harmsco P/No.	Filter Model	Price
<b>RAINBOW SPA</b>		
H-4326-AM	Rainbow Spa 25 sq ft	\$ 37.70
H-4950-AM	Rainbow Spa 50 sq ft	\$ 44.94

<b>REC WAREHOUSE</b>		
H-9402-AM	Rec Warehouse 100 sq ft	\$ 145.53
H-9403-AM	Rec Warehouse 150 sq ft	\$ 191.10

<b>STA-RITE</b>		
H-USR35-AM	Sta-Rite 35 sq ft	\$ 54.08
H-USR50-AM	Sta-Rite 50 sq ft	\$ 64.84
H-USR70-AM	Sta-Rite 70 sq ft	\$ 82.48
H-USR100-AM	Sta-Rite 100 sq ft	\$ 112.25
H-USR135-AM	Sta-Rite 135 sq ft	\$ 141.23
H-USR137-AM	Sta-Rite 137 sq ft	\$ 147.63



# HARMSCO® FILTER CARTRIDGES CROSS REFERENCE

*With today's booming economy and the massive upstarts of new business there is no generic, single guide to fairly gauge our pioneering company's foremost products. However the following steps will help assist in selecting the correct product for your need.*

## INITIALLY:

1. Acquire the dimensions in inches of the cartridge you want to replace. For added accuracy measure the length of cartridge along interior edge from end cap to end cap. Measure the outside diameter and if the cartridge is open measure the inside diameter.
2. Determine the media material (polyester, polypropylene, cellulose, etc.).
3. Establish compatibility (see compatibility charts).
4. Determine if the filter housings have a single or multiple cartridge housing.

**Note:** Multiple filter housings have springs that can allow for some slight variation in lengths. Otherwise, if you are dealing with a single housing another filter cartridge may not fit.

## NEXT:

1. Compare the competitive cartridge to Harmsco® cartridges, keeping the following in mind: The measurements are indicated as follows: length x outer diameter x inner diameter.
  - Single length cartridges are available in 9-3/4" x 2-3/4" x 1-1/16" and 10" x 2-3/4" x 1-1/16".
  - Our media is polyester or polypropylene, and our end caps are plastisol or urethane. Our center cores are PVC or polypropylene.
  - Maximum temperature is 140°F for standard cartridges. (Please see your sales representative for further details).

***Most importantly when comparing with depth cartridges, Harmsco® cartridges are most cost-efficient because they provide 3 to 5 times longer filter life than the competitors' and they are even reusable!***



# SWIMMING POOL

## Cross Reference & Pricing Guide

### HARMSCO® FILTERS

#### HARMSCO® CLUSTER TYPE FILTER HOUSINGS

Harmsco P/No.	Filter Model	WT.	Description	Price
HUR40	Harmsco® Hurricane	34	SuperTuf Single Cartridge Installed	\$ 833.00
HUR90	Harmsco® Hurricane	45	SuperTuf Single Cartridge Installed	\$ 920.00
HUR170	Harmsco® Hurricane	58	SuperTuf Single Cartridge Installed	\$ 1,038.00
HUR40TC	Harmsco® Hurricane	34	Tropi-Clean Single Cartridge Installed	\$ 843.00
HUR90TC	Harmsco® Hurricane	45	Tropi-Clean Single Cartridge Installed	\$ 930.00
HUR170TC	Harmsco® Hurricane	58	Tropi-Clean Single Cartridge Installed	\$ 1,059.00
BF55SC	Harmsco® Betterfilter	27	SuperTuf Single Cartridge Installed	\$ 411.00
BF75SC	Harmsco® Betterfilter	30	SuperTuf Single Cartridge Installed	\$ 433.00
BF105SC	Harmsco® Betterfilter	34	SuperTuf Single Cartridge Installed	\$ 456.00
BF155SC	Harmsco® Betterfilter	44	SuperTuf Single Cartridge Installed	\$ 530.00
BF55SC/TC	Harmsco® Betterfilter	27	Tropi-Clean Single Cartridge Installed	\$ 422.00
BF75SC/TC	Harmsco® Betterfilter	30	Tropi-Clean Single Cartridge Installed	\$ 443.00
BF105SC/TC	Harmsco® Betterfilter	34	Tropi-Clean Single Cartridge Installed	\$ 465.00
BF155SC/TC	Harmsco® Betterfilter	44	Tropi-Clean Single Cartridge Installed	\$ 551.00
BF42	Harmsco® Betterfilter	27	Cluster Cartridge Unit	\$ 503.00
BF84	Harmsco® Betterfilter	37	Cluster Cartridge Unit	\$ 573.00
BF96	Harmsco® Betterfilter	40	Cluster Cartridge Unit	\$ 638.00
BF126	Harmsco® Betterfilter	47	Cluster Cartridge Unit	\$ 681.00
BF144	Harmsco® Betterfilter	50	Cluster Cartridge Unit	\$ 752.00
BF168	Harmsco® Betterfilter	78	Cluster Cartridge Unit	\$ 2,369.00

**HARMSCO® CLUSTER TYPE FILTER HOUSINGS**

<b>Harmsco P/No.</b>	<b>Filter Model</b>	<b>WT.</b>	<b>Description</b>	<b>Price</b>
BF850FL	Harmsco® Betterfilter	297	Cluster Cartridge Unit	\$ 8,111.00
BF252	Harmsco® Betterfilter	97	Cluster Cartridge Unit	\$ 2,628.00
BF336	Harmsco® Betterfilter	122	Cluster Cartridge Unit	\$ 2,996.00
BF450	Harmsco® Betterfilter	162	Cluster Cartridge Unit	\$ 3,536.00
BF600	Harmsco® Betterfilter	188	Cluster Cartridge Unit	\$ 3,893.00
BF850	Harmsco® Betterfilter	297	Cluster Cartridge Unit	\$ 8,111.00
BF900FL	Harmsco® Betterfilter	297	Cluster Cartridge Unit	\$ 8,274.00
BF1200FL	Harmsco® Betterfilter	347	Cluster Cartridge Unit	\$ 8,923.00
BF42BKP	Harmsco® Portable	49	SuperTuf Cartridge Cluster Installed	\$ 973.00
BF84BKP	Harmsco® Portable	62	SuperTuf Cartridge Cluster Installed	\$ 1,028.00
BF96BKP	Harmsco® Portable	65	SuperTuf Cartridge Cluster Installed	\$ 1,082.00
BF126BKP	Harmsco® Portable	73	SuperTuf Cartridge Cluster Installed	\$ 1,136.00
BF144BKP	Harmsco® Portable	76	SuperTuf Cartridge Cluster Installed	\$ 1,190.00
BF55BKPSC	Harmsco® Portable	49	SuperTuf Single Cartridge Installed	\$ 963.00
BF105BKPSC	Harmsco® Portable	59	SuperTuf Single Cartridge Installed	\$ 1,011.00
BF155BKPSC	Harmsco® Portable	69	SuperTuf Single Cartridge Installed	\$ 1,087.00
BF55BKPSC/TC	Harmsco® Portable	49	Tropi-Clean Single Cartridge Installed	\$ 973.00
BF105BKPSC/TC	Harmsco® Portable	59	Tropi-Clean Single Cartridge Installed	\$ 1,028.00
BF155BKPSC/TC	Harmsco® Portable	69	Tropi-Clean Single Cartridge Installed	\$ 1,103.00



# HARMSCO® SWIMMING POOL CARTRIDGES

**HARMSCO® SPECIAL PURPOSE CARTRIDGES:** For treating fill water after plaster jobs. *Packaged 24 per case.*

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
801-5	N/A	9-3/4"	801-5	N/A	N/A	N/A	\$ 7.30
HAC-10-W	N/A	9-3/4"	HAC-10-W	N/A	N/A	N/A	\$ 15.44

**HARMSCO® CARTRIDGES FOR BETTERFILTER SINGLE CARTRIDGE UNITS:** *Individually packaged.*

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
ST/55	BF55	9-5/8"	ST/55	N/A	N/A	FC 6105	\$ 67.99
TC/55	BF55	9-5/8"	TC/55	N/A	N/A	FC 6105	\$ 74.66
TFC75	BF75	15-3/16"	TFC75	N/A	N/A	FC 6107	\$ 91.40
TC/75	BF75	15-3/16"	TC/75	N/A	N/A	FC 6107	\$ 98.07
ST/105	BF105	19-1/2"	ST/105	N/A	N/A	FC 6110	\$ 96.92
TC/105	BF105	19-1/2"	TC/105	N/A	N/A	FC 6110	\$ 112.56
ST/155	BF155	29-1/16"	ST/155	N/A	N/A	FC 6115	\$ 127.63
TC/155	BF155	29-1/16"	TC/155	N/A	N/A	FC 6115	\$ 151.52

**HARMSCO® CLUSTER CARTRIDGE UNITS**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
ST/6	Harmsco® Betterfilter	9-3/4"	N/A	N/A	N/A	N/A	\$ 5.99
OTC/6-4	Harmsco® Betterfilter	9-3/4"	N/A	T380	PH 6	N/A	\$ 5.57
Media Max	Harmsco® Betterfilter	9-3/4"	N/A	N/A	N/A	N/A	\$ 5.25

**HARMSCO® CARTRIDGES FOR HURRICANE SINGLE CARTRIDGE UNITS: *Individually packaged.***

<b>Harmsco P/No.</b>	<b>Filter Model</b>	<b>HT.</b>	<b>OEM P/No.</b>	<b>Unicel P/No.</b>	<b>Pleatco P/No.</b>	<b>Filbur P/No.</b>	<b>Price</b>
HC/40	HUR 40	9-5/8"	HC/40	N/A	N/A	N/A	\$ 68.15
HC/40TC	HUR 40	9-5/8"	HC/40TC	N/A	N/A	N/A	\$ 74.66
HC/90	HUR 90	19-1/2"	HC/90	N/A	N/A	N/A	\$ 97.34
HC/90TC	HUR 90	19-1/2"	HC/90TC	N/A	N/A	N/A	\$ 112.51
HC/170	HUR 170	30-3/4"	HC/170	N/A	N/A	N/A	\$ 139.55
HC/170TC	HUR 170	30-3/4"	HC/170TC	N/A	N/A	N/A	\$ 166.58

# HARMSCO® REPLACEMENT CARTRIDGES FOR SWIMMING POOLS

## AIRWICK/HELDOR/VAK-PAK: *Individually packaged.*

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-9950	50 sq.ft. Airwick	17-1/2"	N/A	C-9950	N/A	FC 3104	\$ 67.98
H-9970	70 sq.ft. Airwick	19-5/8"	N/A	C-9970	N/A	FC 3105	\$ 86.94
H-9999	100 sq.ft. Airwick	19-5/8"	N/A	C-9999	N/A	FC 3106	\$ 120.33

## AMERICAN PRODUCTS: *Individually packaged.*

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco	Filbur P/No.	Price
H-7425	Commander 25	9-13/16"	570057	C-7625 & C-7425	N/A	FC 0610	\$ 37.85
H-7450	Commander 50	19-5/8"	570058	C-7650 & C-7450	N/A	FC 0620	\$ 57.96
H-7453	Commander 75/150	19-5/8"	570143	C-7453	PCM 75SV	FC 0670	\$ 69.14
H-7475	Commander 75	29-3/8"	570074	C-7675 & C-7475	PCM 75	FC 0630	\$ 75.76
H-7499	Commander 100	29-3/8"	570144	C-7499	PCM 100SV	FC 0650	\$ 86.94
H-9405	Predator 50	8-9/16"	59054000	C-9405	N/A	FC 0684	\$ 60.59
H-9407	Predator 75	16-1/8"	59054100	C-9407	N/A	FC 0685	\$ 73.55
H-9410	Predator 100	23-5/8"	59054200	C-9410	N/A	FC 0686	\$ 108.15
H-9415	Predator 150	31-1/8"	59054300	C-9415	N/A	FC 0687	\$ 128.21
H-9419	Predator 200	31-1/8"	59054400	C-9419	N/A	FC 0688	\$ 156.82

**BAKER HYDRO: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-7604	Hydro-Mite 25	12-1/2"	17-B2054	C-7604	PBH 25	FC 0710	\$ 40.11
H-7605	Hydro-Mite 50	22-3/8"	17-B2055	C-7605	PBH 50	FC 0720	\$ 57.96
H-7606	Hydro-Mite 75	32"	17-B2056	C-7606	PBH 75	FC 0730	\$ 78.02
H-7607	Hydro-Mite 100	42"	17-B2071	C-7607	PBH 100	FC 0740	\$ 102.53
H-4326	Spa Center In-Line	13-3/8"	17-B1086	C-4625 & C-4326	PRB 25-IN	FC 4375	\$ 26.20
H-4332	Mini-Mite	11-7/8"	17-B1151	C-4332	PMT 25	FC 1612	\$ 23.42
H-7404	Ultra-Mite 35	12-1/2"	17-B1154	C-7404	PBH UM35	FC 0750	\$ 45.73
H-7406	Ultra-Mite 75	22-3/8"	17-B1156	C-7406	PBH UM75	FC 0770	\$ 73.55
H-7407	Ultra-Mite 100	32"	17-B1157	C-7407	PBH UM100	FC 0780	\$ 91.40
H-7408	Ultra-Mite 150	42"	17-B1158	C-7408	PBH UM150	FC 0790	\$ 131.46

**COLECO: Packaged 18 per case.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-4607	F120, DR-7	8"	PC7-120	C-4607	PC 7-120	FC 3710	\$ 10.87

**HAYWARD: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-4320	C-200/225 Micro Star-Clear	11-3/4"	CX200-RE	C-4320	PA 20 PA 225	FC 1220	\$ 22.84
H-7626	C-250 Star-Clear	9-7/8"	CX250-RE	C-7626	PA 25	FC 1230	\$ 35.70
H-7656	C-500 Star-Clear	19-3/4"	CX500-RE	C-7656	PA 50	FC 1240	\$ 55.70
H-7676	C-750 Star-Clear	29-3/8"	CX750-RE	C-7676	PA 75	FC 1250	\$ 73.55
H-7447	Super Star-Clear 2000	14-5/16"	CX470-RE	C-7447	PA 50-SR	FC 1235	\$ 57.96
H-7477	Super Star-Clear 3000	19-3/4"	CX570-RE	C-7477	PA 75 SV	FC 1260	\$ 71.30
H-7487	Super Star-Clear 4000	25-9/16"	CX870-RE	C-7487	PA 100 N	FC 1270	\$ 86.94

**HAYWARD: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-7495	Super Star-Clear 5000	32-7/8"	CX1260-RE	C-7495	PA 126	FC 1296	\$ 99.17
H-8600	C-800 Star-Clear II	17-1/2"	CX800-RE	C-8600	PA 80	FC 1280	\$ 81.38
H-8610	C-1100 Star-Clear II	23-1/4"	CX1100-RE	C-8610	PA 100	FC 1290	\$ 101.43
H-8600	C-1500 Star-Clear II	17-1/2"	CX800-RE (2 req'd)	C-8600	PA 80	FC 1280	\$ 81.38
H-8411	C-751 Series	17-1/2"	CX760-RE	C-8411	PA 76	N/A	\$ 84.68
H-8409	C-900 Star-Clear Plus	17-1/2"	CX900-RE	C-8409	PA 90	FC 1292	\$ 88.04
H-8412	C-1200 Star-Clear Plus	23-1/4"	CX1200-RE	C-8412	PA 120	FC 1293	\$ 112.56
H-8417	C-1750 Star-Clear Plus	28-1/4"	CX1750-RE	C-8417	PA 175	FC 1294	\$ 159.34

**JACUZZI BROTHERS: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-5625	CFR-25 (In-line)	13-3/8"	42-2891-08-R	C-5625	PJ 25-IN	FC 1305	\$ 24.57
H-9650	CFR-50	9-7/8"	42-3534-09	C-9650	PJ 50	FC 1320	\$ 61.27
H-9475	CFR-75	14-1/4"	42-3535-08	C-9475	PJ 75	FC 1480	\$ 74.66
H-9699	CFR-100	19-3/4"	42-3536-07	C-9699	PJ 100	FC 1490	\$ 105.84
H-9478	CFR-150	24"	42-3537-06	C-9478	PJ 150	FC 1495	\$ 124.85
H-9420	CFR-200	24"	42-3540-01	C-9420	PJ200	FC 1498	\$ 153.72

**MARTEC/SONFARREL: Packaged 6 per case.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-4301	CL-2200/2800	14-7/8"	#220122 #220128 #220132	C-4301	PMT 27.5	FC 1610	\$ 24.57
H-4305	CL-2807/2810	14-7/8"	#220142 #220145 #220152 #220175	C-4305	PMT 50	FC 1611	\$ 32.34
H-4332	SC-2200/3500	11-7/8"	#220022 #220032 #220035 #220042	C-4332	PMT 25	FC 1613	\$ 23.42

**MUSKIN (SEARS)**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
H-4605	A3808 / A3818	8"	PMS-8	C-4605	PMS 8	FC 3810	\$	11.13
<i>(with core, packaged 15 per case)</i>								
H-6616	A3816 / FE-30 / FE-40	8"	PMS-16	C-6616	PMS 16	FC 3830	\$	18.95
<i>(packaged 6 per case)</i>								
H-6620	A3821 / FE-20 / FD-20 / FD-40	8"	PMS-20	C-6620	PMS 20	FC 3840	\$	20.01
<i>(packaged 6 per case)</i>								

**PAC FAB: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
H-7660	Mitra MA-60, Mytilus MY-60	14"	174983 / 172810	C-7660	PFAB 60	FC 1930	\$	57.96
H-7680	Mitra MA-80, Mytilus MY-80	22-1/8"	174984 / 172811	C-7680	PFAB 80	FC 1940	\$	73.55
H-7699	Mitra MA-100, Mytilus MY-100	22-1/8"	174985 / 172812	C-7699	PFAB 100	N/A	\$	78.02
H-7660 (2 req'd)	Mytilus MY-140	14"	172810 (2 req'd)	C-7660	PFAB 60	FC 1930	\$	57.96
H-7679	Mytilus MY-150	33-3/8"	174980	C-7679	PFAB 150	N/A	\$	107.00
H-9405	Clean and Clear 50	8-9/16"	590540	C-9405	PAP 50	FC 1920	\$	61.64
H-9407	Clean and Clear 75	16-1/8"	590541	C-9407	PAP 75	FC 0685	\$	73.55
H-9410	Clean and Clear 100	23-5/8"	590542	C-9410	PAP 100	FC 1950	\$	108.15
H-9415	Clean and Clear 150	31-1/8"	590543	C-9415	PAP 80	FC 1960	\$	128.21
H-9419	Clean and Clear 200	31-1/8"	590544	C-9419	PAP 200	FC 0688	\$	156.82



**PENTAIR POOL PRODUCTS: *Individually packaged.***

<b>Harmsco P/No.</b>	<b>Filter Model</b>	<b>HT.</b>	<b>OEM P/No.</b>	<b>Unicel P/No.</b>	<b>Pleatco P/No.</b>	<b>Filbur P/No.</b>	<b>Price</b>
H-7425	Commander 25	9-13/16"	R173200 & R173201	C-7625 & C-7425	N/A	FC 0610	\$ 37.85
H-7450	Commander 50	19-5/8"	R173409 & R173203	C-7650 & C-7450	N/A	FC 0620	\$ 57.96
H-7453	Commander 75/150	19-5/8"	R173210	C-7453	N/A	FC 0670	\$ 69.14
H-7475	Commander 75	29-3/8"	R173204 & R173205	C-7675 & C-7475	N/A	FC 0635	\$ 75.76
H-7499	Commander 100	29-3/8"	None	C-7499	N/A	FC 0650	\$ 86.94
H-9405	Clean & Clear/Predator-50	8-9/16"	R173213	C-9405	N/A	FC 0684	\$ 61.64
H-9407	Clean & Clear/Predator-75	16-1/8"	R173214	C-9407	N/A	FC 0685	\$ 73.55
H-9410	Clean & Clear/Predator-100	23-5/8"	R173215	C-9410	N/A	FC 0686	\$ 108.15
H-9415	Clean & Clear/Predator-150	31-1/8"	R173216	C-9415	N/A	FC 0687	\$ 128.21
H-9419	Clean & Clear/Predator-200	31-1/8"	R173217	C-9419	N/A	FC 0688	\$ 156.82
H-7660	Mitra MA-60, Mytilus MY-60	14"	R173298	C-7660	N/A	FC 1930	\$ 57.96
H-7680	Mitra MA-80, Mytilus MY-80	22-1/8"	R173299	C-7680	N/A	FC 1940	\$ 73.55
H-7699	Mitra MA-100, Mytilus MY-100	22-1/8"	R173300	C-7699	N/A	N/A	\$ 78.02
H-7660 (2 req'd)	Mytilus MY-140	14"	172810 (2 req'd)	C-7660	N/A	FC 1930	\$ 57.96
H-7679	Mytilus MY-150	33-3/8"	R173301	C-7679	N/A	N/A	\$ 107.00
H-7440	Purex CF-40	11-1/8"	R173310	C-7440	N/A	FC 2130	\$ 45.73
H-7440 (3 req'd)	Purex CFW/CFM 40/120	11-1/8"	R173310 (3 req' d)	C-7440	N/A	FC 2130	\$ 45.73
H-7460	Purex CF-60	19-5/8"	R173312	C-7460	N/A	FC 2150	\$ 59.06
H-7460 (3 req'd)	Purex CFW/CFM 60/180	19-5/8"	R173312 (3 req'd)	C-7460	N/A	FC 2150	\$ 59.06
H-7480	Purex CF-80	19-5/8"	R173313	C-7480	N/A	FC 2160	\$ 67.99

**PUREX REPLACEMENTS: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
H-7610	CF-25	11-1/8"	P-05239	C-7610	PPF 25 & PPF 40	FC 2110	\$	35.70
H-7633	CF-33 / 66 / 100	14"	P-05237	C-7633	PPF 33	FC 2115	\$	36.80
H-7633 (3 req'd)	CF-100	14"	P-05237 (3 req'd)	C-7633	PPF 33	FC 2120	\$	36.80
H-7440	CF-40	11-1/8"	70658	C-7440	PPF 25 & PPF 40	FC 2130	\$	45.73
H-7440 (3 req'd)	CFW/CFM 40/120	11-1/8"	70658 (3 req'd)	C-7440	PPF 25 & PPF 40	FC 2130	\$	45.73
H-7651	CF-50 / 150	19-5/8"	70654	C-7651	PPF 50 & PPF 105	FC 2140	\$	55.70
H-7651 (3 req'd)	CF-150	19-5/8"	70654 (3 req'd)	C-7651	PPF 50 & PPF 105	FC 2140	\$	55.70
H-7460	CF-60	19-5/8"	70657	C-7460	PPF 60	FC 2150	\$	59.06
H-7460 (3 req'd)	CFW/CFM 60/180	19-5/8"	70657 (3 req'd)	C-7460	PPF 60	FC 2150	\$	59.06
H-7480	CF-80	19-5/8"	70656	C-7480	PPF 80	FC 2160	\$	67.99
H-7480 (3 req'd)	CFW/CFM-240	19-5/8"	70656 (3 req'd)	C-7480	PPF 80	FC 2160	\$	67.99

**RAINBOW PLASTICS (PENTAIR): Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
H-4326	RDC-25, RTL-25, RCF-25 DFML-25	13-3/8"	17-2325, R173429	C-4625 & C-4326	PRB 25-IN	FC 2375	\$	26.20
H-4335	DFM-35, DFML35	9-1/4"	17-2482, R-173431	C-4335	PRB 35-IN-3	FC 2385	\$	28.46
H-4637	RDC-25, RTL-25, RCF-25 DFML-25	13-3/8"	R-173430	C-4637	PRB 37-IN	FC 2380	\$	28.98
H-4950	RDC-50, RTL-50, RCF-50 DFM-50, DFML-50	13-3/8"	17-2380, R-173434	C-4950	PRB 50-IN	FC 2390	\$	31.24
<b>(Packaged 24 per case)</b>								
H-2608	Lifeguard CL-19	19-1/2"	17-2021, R173325	C-2608	N/A	FC 2330	\$	8.72
H-2612	Lifeguard CL-19X	19-1/2"	17-2047, R173427	C-2612	PRB 12 & PJW 12	FC 2340	\$	10.87
H-2613	Lifeguard CL-29	29-1/4"	17-2010, R173327	C-2613	PRB 12L	FC 2350	\$	12.81
H-2618	Lifeguard CL-29X	29-1/4"	17-2046, R173328	C-2618	PRB 18	FC 2360	\$	16.17

**REC WAREHOUSE (LEISURE BAY MFG): Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-4326	4-15/16" x 13-3/8"	13-3/8"	303909 (M-4326)	C-4326	PRB 25-IN	FC 2375	\$ 26.20
H-4637	4-15/16" x 13-3/8"	13-3/8"	111793 (M-4336)	C-4637	PRB 37-IN-3	FC 2380	\$ 28.98
H-4335	4-15/16" x 9-1/4"	9 1/4"	303557	C-4335	PRB 35-IN-3	FC 2385	\$ 28.46
H-7417	50 sq.ft. Rec Warehouse	14-13/16"	111790 (M-7412)	C-7417	PLB 50	FC 3525	\$ 51.29
H-7418	100 sq.ft. Rec Warehouse	20-13/16"	111791 (M-7418)	C-7418	PLB 100	FC 3540	\$ 78.02
H-7414	150 sq.ft. Rec Warehouse	28-15/16"	111792 (M-7414)	C-7414	PLB 150	FC 3560	\$ 103.64
H-9401	9-15/16" x 13-5/16"	13-5/16"	111831	C-9401	PWW 75	N/A	\$ 80.27
H-9402	9-15/16" x 19-5/16"	19-5/16"	111832	C-9402	PWW 100	N/A	\$ 100.28
H-9403	9-15/16" x 25-5/16"	25-5/16"	111833	C-9403	PWW 150	N/A	\$ 130.36

**STA-RITE (SWIMQUIP) POSI-CLEAN: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-7425	RCP25 / RCB25B	9-13/16"	24240-0016 WC108-140SI	C-7625 & C-7425	PPC 25 PCM 25	FC 0610	\$ 37.85
H-7652	FCP50 / FCP50B	19-3/8"	24241-0016 WC108-141SI	C-7652	PPC 50	N/A	\$ 55.70
H-7677	FCF75 / TXC75	29-1/8"	24241-0016 2420-0016	C-7677	PPC 75= PCM 75	N/A	\$ 75.76
H-7652 (2 req'd)	FCP100 / TXC100	19-3/8"	24241-0016 WC108-141SI	C-7652	PPC 50	N/A	\$ 55.70

**STA-RITE PRC FILTER: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-7447	PRC 50	14-5/16"	25200-0150	C-7447	N/A	FC 1235	\$ 57.96
H-7477	PRC 75	19-3/4"	25200-0175	C-7477	N/A	FC 1260	\$ 71.30

**STA-RITE POSI-FLOW/POSI-FLOW II: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-SR35	TX-35	9-1/4”	WC108-55S2X	UHD-SR35	N/A	N/A	\$ 46.83
H-SR50	TX-50, PTM50	13-1/4”	WC108-56S2X	UHD-SR50	N/A	N/A	\$ 55.70
H-SR70	TX-70, PTM70	18”	WC108-57S2X	UHD-SR70	N/A	N/A	\$ 70.19
H-SR100	TX-100, PTM100	25-3/4”	WC108-58S2X	UHD-SR100	N/A	N/A	\$ 94.71
H-SR135	TX-135 (old)	34-1/2”	WC108-59S2X	UHD-SR135	N/A	N/A	\$ 118.13
H-SR137	PTM135 (new)	31-1/4”	WC108-70S2X	UHD-SR137	N/A	N/A	\$ 118.13

**SWIM QUIP (STA-RITE POSI-CLEAN): Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-7425	RCP25, RCB25B, TXC25B	9-13/16”	WC108-140SI, 24240-0016	C-7425, C-7625	N/A	N/A	\$ 37.85
H-7652	FCP50, FCP50B, TXC50B	19-3/8”	WC108-141SI, 24241-0016	C-7652	N/A	N/A	\$ 55.70
H-7677	FCF75, TXC75	29-1/8”	24241-0016, 24240-0016	C-7677	N/A	N/A	\$ 75.76

**WATERWAY PLASTICS: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-4326	Replaces Pool	13-3/8”	817-2500	C-4326	N/A	N/A	\$ 26.20

**WATKINS (HOT SPRINGS): Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-4326	Hot Spot	13-3/8”	33521	C-4326	N/A	N/A	\$ 26.20
H-6430	All Models Starting 1991	10-1/2”	31489	C-6430	N/A	N/A	\$ 31.24
H-6433	Highlife	9”	31382	C-6433	N/A	N/A	\$ 37.85

**WET INSTITUTE: Individually packaged.**

Harmsco P/No.	Filter Model	HT.	OEM P/No.	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
H-7660	Modulfilter M-180	14”	32050203	C-7660	N/A	N/A	\$ 57.96
H-7699	Modulfilter M-330	22-1/8”	32050204	C-7699	N/A	N/A	\$ 78.02

**(Packaged 24 per case)**

H-2607	Modulfilter M-66	14-11/16”	32050201	C-2607	N/A	N/A	\$ 9.24
(with core)	M-165, M-330						

# HARMSCO® SPA CARTRIDGES

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price
<b>ACCENT SPAS</b>							
H-4326	25 sq.ft.	13-3/8"	2-1/8"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$ 26.20
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>ACRYX-MAX SPAS (Canada)</b>							
H-4326	25 sq.ft.	13-3/8"	2-1/8"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$ 26.20
H-4637	37 sq.ft. upgrade	13-3/8"	2-1/8"	C-4637	N/A	FC 2380	\$ 28.98
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>ALPS SPAS</b>							
H-4326	25 sq.ft.	13-3/8"	2-1/8"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$ 26.20
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>AMERICAN SPAS</b>							
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>APOLLO SPAS</b>							
H-4326	25 sq.ft.	13-3/8"	2-1/8"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$ 26.20
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>AQUA TEC SPAS</b>							
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>AQUIFORM-INFINITY SPAS</b>							
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24
<b>AQUA MYSTIC</b>							
H-4326	25 sq.ft.	13-3/8"	2-1/8"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$ 26.20
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$ 31.24

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
ARIES SPA								
H-4326	25 sq.ft.	13-3/8"	2-1/8"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
ARIZONA PACIFIC								
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$	31.24
BAJA SPAS								
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$	31.24
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$	31.24
H-4335	35 sq.ft.	9-1/4"	2-1/8"	C-4335	PRB 35-IN-3	FC 2385	\$	28.46
H-4950	50 sq.ft.	13-3/8"	2-1/8"	C-4950	PRB 50-IN	FC 2930	\$	31.24
CAL SPAS								
H-4305	50 sq.ft.	14-7/8"	4-15/16"	C-4305	PMT 50	FC 1617	\$	32.34
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
CHARISMA SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
COAST SPAS (Canada)								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
COLEMAN SPAS								
H-4950	50 sq.ft. (PN 3301-2145)	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
DAKOTA SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
DFA SPAS (Arizona Pacific)								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
DIAMOND SPAS (Aquatic Industries)								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24



Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
DISCOVERY SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
DOLPHIN SPAS								
H-4305	50 sq.ft.	14-7/8"	4-15/16"	C-4305	PMT 50	FC 1617	\$	32.34
DYNASTY SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
EMERALD SPAS								
H-4320	25 sq.ft.	11-3/4"	4-1/2"	C-4325	PA 20	FC 1215	\$	22.84
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	25.99
H-5625	25 sq.ft.	13-3/8"	5"	C-5625	N/A	FC 1305	\$	24.57
H-4332	32 sq.ft.	11-7/8"	4-15/16"	C-4332	PMT 25	FC 1612	\$	23.42
ESTHER WILLIAMS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
FREEDOM SPAS (Concord, Patriot, Ambassador, Executive)								
H-4637	37 sq.ft.	13-3/8"	4-15/16"	C-4637	PRB 37-IN	FC 2380	\$	28.98
FREEDOM SPAS (Models after 1993)								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
GPM INDUSTRIES								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
HAUGH'S (Niagara Whirlpool)								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
HAWKEYE SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
HELDOR SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
HOLLIBAUGH SPAS								
H-7626	25 sq.ft.	9-7/8"	7"	C-7626	PA 25	FC 1230	\$	35.70
H-7656	50 sq.ft.	19-3/4"	7"	C-7656	PA 50	FC 1240	\$	55.70
H-7676	75 sq.ft.	29-3/8"	7"	C-7676	PA 75	FC 1250	\$	73.55
HOT SPRINGS SPAS (Watkins Mfg.)								
H-6433	33 sq.ft. (PN 31382)	9"	6"	C-6433	N/A	N/A	\$	37.85
H-6430	30 sq.ft. (PN 31489) after 1990	10-1/2"	6"	C-6430	N/A	N/A	\$	31.24
H-4326	25 sq.ft. Hot Spot (PN 3352)	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
HYDRO POOL INDUSTRIES (Serenity Spas)								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2385	\$	26.20
H-4335	35 sq.ft.	9-1/4"	4-15/16"	C-4335	PRB 35-IN-3	FC 2385	\$	28.46
HYDRO SPA (After Hours Spas)								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
JACUZZI WHIRLPOOL BATH								
H-2612	12 sq.ft. Cambio (PN2945000) after 1990	19-1/2"	2-3/4"	C-2612	PJW 12	FC 2340	\$	10.87
H-5625	25 sq.ft. (PN 5475000) Espree, Espree II, Caressa (pre 1986)	13-3/8"	5"	C-5625	PJ 25-N	FC 1305	\$	24.57
J.E.M. SPAS (Majestic Industries)								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
LEISURE BAY SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
MARATHON SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
MILLENNIUM SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
MOONWATER SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
MOOSE MOUNTAIN SPAS (Canada)								
H-4335	35 sq.ft.	9-1/4"	4-15/16"	C-4335	PRB 35-IN-3	FC 2385	\$	28.46
MORGAN SPAS								
H-4637	37 sq.ft.	13-3/8"	4-15/16"	C-4637	PRB 37-IN	FC 2380	\$	28.98
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
NEMCO SPAS								
H-4429	30 sq.ft.	10-3/8"	4-15/16"	C-4429	DSF 25-50	N/A	\$	28.98
NORDIC HOT TUBS								
H-4301	28 sq.ft.	14-7/8"	4-15/16"	C-4301	PMT 27.5	FC 1610	\$	24.57
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
NORTHWEST SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
PDC SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-7626	25 sq.ft.	9-7/8"	7"	C-7626	PA 25	FC 1230	\$	35.70
H-7656	50 sq.ft.	19-3/4"	7"	C-7656	PA 50	FC 1240	\$	55.70

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
PAGEANT SPAS								
H-4305	45 sq.ft.	14-7/8"	4-15/16"	C-4305	PMT 50	FC 1617	\$	32.34
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
PHOENIX SPAS								
H-4637	37 sq.ft.	13-3/8"	4-15/16"	C-4637	PRB 37-IN	FC 2380	\$	28.98
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
QCA								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
RIVER VALLEY SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SAFARI SPAS (Aquatic Industries)								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SANTANA (Conger Bros.)								
H-4332	30 sq.ft.	11-7/8"	4-15/16"	C-4430	PMT 25	FC 1612	\$	23.42
SEAHORSE SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SEQUOIA DESIGN								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SEVEN SEAS								
H-5625	25 sq.ft.	13-3/8"	5"	C-5625	PJ 25	FC 1305	\$	24.57

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
SIGNATURE SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SONOMA SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-7626	25 sq.ft.	9-7/8"	7"	C-7626	PA 25	FC 1230	\$	35.70
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SPA CREST								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
STREAMLINE SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SUNBELT SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SUNCOUNTRY SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SUNDANCE SPAS (Suntub Models)								
H-4305	50 sq.ft.	14-7/8"	4-15/16"	C-4305	PMT 50	FC 1617	\$	32.34
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SUNRISE SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SUNSET SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
SUPERIOR SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24

Harmsco P/No.	Model	Height	Inner Diameter	Unicel P/No.	Pleatco P/No.	Filbur P/No.	Price	
THERMO SPAS OF CONNECTICUT								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4301	28 sq.ft.	14-7/8"	4-15/16"	C-4301	PMT 27.5	FC 1610	\$	24.57
TIARA SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
US SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
US TOOLING & SPA								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
VIKING SPAS								
H-4332	32 sq.ft.	11-7/8"	4-15/16"	C-4332	PMT 25	FC 1612	\$	23.42
VITA SPAS (DM Industries)								
H-7450	50 sq.ft.	19-5/8"	7"	C-7650 & C-7450	PPF 50	FC 0620	\$	57.96
WARM SPRINGS SPAS								
H-4326	25 sq.ft.	13-3/8"	4-15/16"	C-4326 & C-4625	PRB 25-IN	FC 2375	\$	26.20
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24
WIND RIVER SPAS								
H-4950	50 sq.ft.	13-3/8"	4-15/16"	C-4950	PRB 50-IN	FC 2930	\$	31.24



# CROSS REFERENCE BY HEIGHT

## 8 INCH HEIGHT

Harmsco P/No.	HT.	O.D.	ID #	Unicel P/No.	Price
H-4605	8"	4-1/2"	6 sq.ft.	C-4605	\$ 11.13
H-4607	8"	4-1/4"	5 sq.ft.	C-4607	\$ 10.87
H-6616	8"	6-1/4"	16 sq.ft.	C-6616	\$ 18.95
H-6620	8"	6-1/4"	20 sq.ft.	C-6620	\$ 20.06
H-9405	8-9/16"	10-1/16"	50 sq.ft.	C-9405	\$ 60.17

## 9 INCH HEIGHT

Harmsco P/No.	HT.	O.D.	ID #	Unicel P/No.	Price
H-6433	9"	6"	35 sq.ft.	C-6433	\$ 37.85
H-4335	9-1/4"	4-15/16"	35 sq.ft.	C-4335	\$ 28.46
H-SR35	9-1/4"	8-3/4"	35 sq.ft.	UHD-SR35	\$ 47.04
H-7425	9-13/16"	7"	25 sq.ft.	C-7625 & C-7425	\$ 37.85
801-5	9-3/4"	2-3/4"	6 sq. ft	N/A	\$ 7.30
HAC-10-W	9-3/4"	2-3/4"	N/A	N/A	\$ 15.44
Media Max	9-3/4"	2-3/4"	6 sq. ft	N/A	\$ 5.25
OTC/6-4	9-3/4"	2-3/4"	6 sq. ft	T-380	\$ 5.57
ST/6	9-3/4"	2-3/4"	6 sq. ft	N/A	\$ 5.99
HC/40	9-5/8"	7-3/4"	40 sq.ft	N/A	\$ 68.15
HC/40TC	9-5/8"	7-3/4"	40 sq.ft	N/A	\$ 74.66
ST/55	9-5/8"	7-3/4"	55 sq.ft.	N/A	\$ 67.99
TC/55	9-5/8"	7-3/4"	55 sq.ft.	N/A	\$ 74.66
H-7626	9-7/8"	7"	25 sq.ft.	C-7626	\$ 35.70
H-9650	9-7/8"	9-15/16"	50 sq.ft.	C-9650	\$ 61.27

**10 INCH HEIGHT**

Harmsco P/No.	HT.	O.D.	ID #	Unicel P/No.	Price
H-6430	10-1/2"	6"	30 sq.ft.	C-6430	\$ 31.24
H-4429	10-3/8"	4-15/16"	2-1/8	C-4429	\$ 28.98

**11 INCH HEIGHT**

Harmsco P/No.	HT.	O.D.	ID #	Unicel P/No.	Price
H-7440	11-1/8"	7"	40 sq.ft.	C-7440	\$ 45.73
H-7610	11-1/8"	7"	25 sq.ft.	C-7610	\$ 35.70
H-4320	11-3/4"	4-1/2"	20 sq.ft.	C-4320	\$ 22.84
H-4332	11-7/8"	4-15/16"	25 sq.ft.	C-4332	\$ 23.42

**12 INCH HEIGHT**

Harmsco P/No.	HT.	O.D.	ID #	Unicel P/No.	Price
H-7404	12-1/2"	7"	35 sq.ft.	C-7404	\$ 45.73
H-7604	12-1/2"	7"	25 sq.ft.	C-7604	\$ 40.11

**13 INCH HEIGHT**

Harmsco P/No.	HT.	O.D.	ID #	Unicel P/No.	Price
H-SR50	13-1/4"	8-3/4"	50 sq.ft.	UHD-SR50	\$ 55.70
H-4326	13-3/8"	4-15/16"	25 sq.ft.	C-4625 & C-4326	\$ 26.20
H-4637	13-3/8"	4-15/16"	37 sq.ft.	C-4637	\$ 28.98
H-4950	13-3/8"	4-15/16"	50 sq.ft.	C-4950	\$ 31.24
H-5625	13-3/8"	5"	25 sq.ft.	C-5625	\$ 24.57
H-9401	13-5/16"	9-15/16"	75 sq.ft.	C-9401	\$ 80.27

**14 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-7633	14"	7"	33 sq.ft.	C-7633	\$ 36.80
H-7660	14"	7-7/8"	60 sq.ft.	C-7660	\$ 57.96
H-9475	14-1/4"	9-15/16"	75 sq.ft.	C-9475	\$ 74.66
H-2607	14-11/16"	2-3/4"	6 sq.ft.	C-2607	\$ 9.24
H-7417	14-13/16"	7-1/2"	50 sq.ft.	C-7417	\$ 51.29
H-7447	14-5/16"	7"	50 sq.ft.	C-7447	\$ 57.96
H-4301	14-7/8"	4-15/16"	25/30 sq.ft.	C-4301	\$ 24.57
H-4305	14-7/8"	4-15/16"	45/50 sq.ft.	C-4305	\$ 32.34

**15 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
TC/75	15-3/16"	7-3/4"	75 sq.ft.	N/A	\$ 98.07
TFC75	15-3/16"	7-3/4"	75 sq.ft.	N/A	\$ 91.40

**16 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-9407	16-1/8"	10-1/16"	75 sq.ft.	C-9407	\$ 73.55

**17 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-8409	17-1/2"	9"	90 sq.ft.	C-8409	\$ 88.04
H-8411	17-1/2"	9"	75 sq.ft.	C-8411	\$ 84.68
H-8600	17-1/2"	8-1/2"	75 sq.ft.	C-8600	\$ 81.38
H-9950	17-1/2"	10-1/16"	50 sq.ft.	C-9950	\$ 67.99

**18 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-SR70	18"	8-3/4"	70 sq.ft.	UHD-SR70	\$ 70.30

**19 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-2608	19-1/2"	2-3/4"	8 sq.ft.	C-2608	\$ 8.72
H-2612	19-1/2"	2-3/4"	12 sq.ft.	C-2612	\$ 10.87
HC/90	19-1/2"	7-3/4"	90 sq.ft.	N/A	\$ 96.92
HC/90TC	19-1/2"	7-3/4"	90 sq.ft.	N/A	\$ 112.56
ST/105	19-1/2"	7-3/4"	100 sq.ft.	N/A	\$ 96.92
TC/105	19-1/2"	7-3/4"	100 sq.ft.	N/A	\$ 112.56
H-7477	19-3/4"	7"	75 sq.ft.	C-7477	\$ 71.30
H-7656	19-3/4"	7"	50 sq.ft.	C-7656	\$ 55.70
H-9699	19-3/4"	9-15/16"	100 sq.ft.	C-9699	\$ 105.84
H-7652	19-3/8"	7"	50 sq.ft.	C-7652	\$ 55.70
H-9402	19-5/16"	9-15/16"	100 sq.ft.	C-9402	\$ 100.28
H-7450	19-5/8"	7"	50 sq.ft.	C-7650 & C-7450	\$ 57.96
H-7453	19-5/8"	7"	75 sq.ft.	C-7453	\$ 69.14
H-7460	19-5/8"	7"	60 sq.ft.	C-7460	\$ 59.06
H-7480	19-5/8"	7"	80 sq.ft.	C-7480	\$ 67.99
H-7651	19-5/8"	7"	50 sq.ft.	C-7651	\$ 55.70
H-9970	19-5/8"	10-1/16"	70 sq.ft.	C-9970	\$ 86.94
H-9999	19-5/8"	10-1/16"	100 sq.ft.	C-9999	\$ 120.33

**20 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-7418	20-13/16"	7-1/2"	100 sq.ft.	C-7418	\$ 78.02

**22 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-7680	22-1/8"	7-7/8"	80 sq.ft.	C-7680	\$ 73.55
H-7699	22-1/8"	7-7/8"	100 sq.ft.	C-7699	\$ 78.02
H-7406	22-3/8"	7"	75 sq.ft.	C-7406	\$ 73.55
H-7605	22-3/8"	7"	50 sq.ft.	C-7605	\$ 57.96

**23 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-8412	23-1/4"	9"	120 sq.ft.	C-8412	\$ 113.61
H-8610	23-1/4"	8-1/2"	100 sq.ft.	C-8610	\$ 101.43
H-9410	23-5/8"	10-1/16"	100 sq.ft.	C-9410	\$ 108.05

**24 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-9420	24"	9-15/16"	200 sq.ft.	C-9420	\$ 153.72
H-9478	24"	9-15/16"	150 sq.ft.	C-9478	\$ 124.85

**25 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-SR100	25-3/4"	8-3/4"	100 sq.ft.	UHD-SR100	\$ 94.66
H-9403	25-5/16"	9-15/16"	150 sq.ft.	C-9403	\$ 130.36
H-7487	25-9/16"	7"	100 sq.ft.	C-7487	\$ 86.94

**28 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-8417	28-1/4"	9"	175 sq.ft.	C-8417	\$ 159.34
H-7414	28-5/16"	7-1/2"	150 sq.ft.	C-7414	\$ 103.64

**29 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
ST/155	29-1/16"	7-3/4"	155 sq.ft.	N/A	\$ 128.10
TC/155	29-1/16"	7-3/4"	155 sq.ft.	N/A	\$ 151.52
H-2613	29-1/4"	2-3/4"	12 sq.ft.	C-2613	\$ 12.81
H-2618	29-1/4"	2-3/4"	18 sq.ft.	C-2618	\$ 16.17
H-7677	29-1/8"	7"	75 sq.ft.	C-7677	\$ 75.76
H-7475	29-3/8"	7"	75 sq.ft.	C-7675 & C-7475	\$ 75.76
H-7499	29-3/8"	7"	100 sq.ft.	C-7499	\$ 86.94
H-7676	29-3/8"	7"	75 sq.ft.	C-7676	\$ 73.55

**30 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
HC/170	30-3/4"	7-3/4"	170 sq.ft.	N/A	\$ 139.24
HC/170TC	30-3/4"	7-3/4"	170 sq.ft.	N/A	\$ 166.06

**31 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-SR137	31-1/4"	8-3/4"	137 sq.ft.	UHD-SR137	\$ 118.44
H-9415	31-1/8"	10-1/16"	150 sq.ft.	C-9415	\$ 128.10
H-9419	31-1/8"	10-1/16"	200 sq.ft.	C-9419	\$ 155.98

**32 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-7407	32"	7"	100 sq.ft.	C-7407	\$ 91.40
H-7606	32"	7"	75 sq.ft.	C-7606	\$ 78.02
H-7495	32-7/8"	7"	125 sq.ft.	C-7495	\$ 99.17



**33 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-7679	33-3/8"	7-7/8"	150 sq.ft.	C-7679	\$ 107.00

**34 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-SR135	34-1/2"	8-3/4"	135 sq.ft.	UHD-SR135	\$ 118.18

**42 INCH HEIGHT**

<b>Harmsco P/No.</b>	<b>HT.</b>	<b>O.D.</b>	<b>ID #</b>	<b>Unicel P/No.</b>	<b>Price</b>
H-7408	42"	7"	150 sq.ft.	C-7408	\$ 131.46
H-7607	42"	7"	100 sq.ft.	C-7607	\$ 102.53

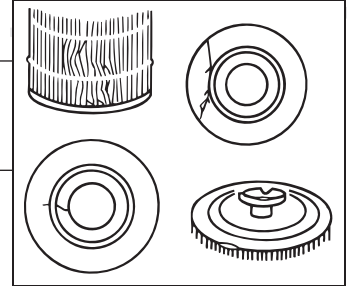
# QUESTIONS AND ANSWERS

## DAMAGED IN TRANSIT:

Pleats generally will show a fold or crease in the area below the end cap breakage.

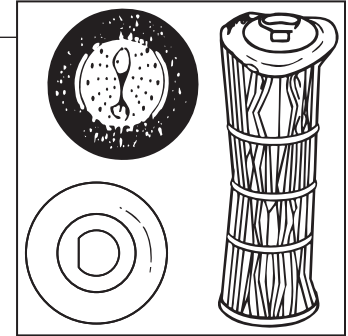
## CRACKED END CAP:

New cartridge in original box. The cracks or breaks are the results of a sharp blow to the end cap. Thermoset plastic end caps can break if subjected to mishandling. Handle breakage is the result of dropping or mishandling the cartridge and can occur in warehouse or in transit.



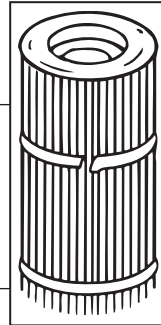
## COLLAPSED CARTRIDGE:

A collapsed cartridge is the result of not properly cleaning the filter element. As a result, the plugged or restricted filter media causes a pressure build-up on the center tube. This condition can be further accelerated by high water temperature being allowed to build up in the filter tank. A plugged cartridge and a cavitating pump will generate the heat and pressure to deform some cartridge designs.



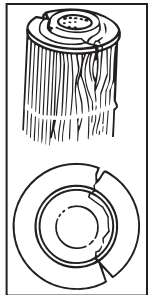
## BROKEN BAND:

Cartridge bands are designed to control pleat spacing. Breakage of a band **WILL NOT** affect the performance of the filter element. Broken bands are generally not considered under warranty.



## PLUMB BACKWARDS:

There is a heavy deposition of dirt and debris on the inside of the filter media. This condition indicates that the cartridge has been used in a filter canister where the water has been reversed from the inside to the outside of the filter element. This cartridge is not designed to be used with an inside-outside water flow. We recommend that your customer be notified and this condition be corrected.



# CARTRIDGE CLEANING INSTRUCTIONS

*Harmsco® cartridges may be cleaned and reused numerous times before replacement is necessary. Cartridge cleaning is necessary only when flow falls below what is required or when the pressure increase over the startup is exceeding 10 PSI.*

## PRE-CLEANING:

If applicable, remove rim gasket to prevent damage during cleaning.

## NORMAL CLEANING PROCEDURE:

Normal cleaning is done by using a pressure nozzle on the end of your garden hose. Direct jet spray at cartridges on an angle to remove dirt.

## SPECIAL CLEANING PROCEDURES:

To be used only when normal procedure is insufficient to return cartridge to normal filter runs.

### 1. REMOVING OILS FROM CARTRIDGE:

Oils that coat the cartridge can cause reduced flow. This material may be removed by soaking the cartridges in a solution of 2 lbs. Tri-sodium Phosphate (TSP) to 10 gallons of water or a Tri-sodium-based product. Usually, 12 hours soaking time will break oil coating from the cartridge. Repeat normal cleaning procedure. Enzyme-based products are known to release oils from cartridge and in some cases may eliminate the need for soaking. Tri-sodium Phosphate-based products and enzyme products are available at most swimming pool distributors and retail locations.

### 2. REMOVING ALGAE FROM CARTRIDGE:

If algae coats the cartridge and causes reduced flow, soak cartridges in a solution of 2 lbs. Tri-sodium Phosphate and 10 gallons of water. Add 1 pint of swimming pool chlorine to kill algae. Soak for one hour. Check pool chemistry for cause of algae growth.

## \*\*\* CAUTION \*\*\*

### 3. REMOVING CALCIUM OR MINERAL DEPOSITS:

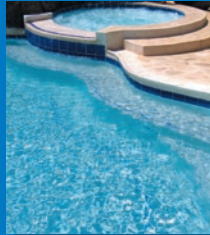
Do not use muriatic acid on cartridges until all oils have been removed as in Step #1. Make sure all previously used products have been thoroughly rinsed from cartridges.

If calcium deposits are present, perform Step #1. Rinse well. Then, in a solution of 1 part muriatic acid to 20 parts of water, soak cartridges until bubbling action subsides. Use a plastic garbage container or similar vessel. Repeat normal cleaning procedure. Check pool chemistry for high pH or alkalinity.

### 4. EXCEPTIONS:

The only exception to the preceding procedures is with the use of binaides as a sanitizer (i.e. Baquacil, SoftSwim or similar sanitizers). If using a bigunaide, always soak the cartridge in muriatic acid first (as described in Step #3) and then soak in Tri-sodium Phosphate and water (as described in Step #1).

**HEED ALL MANUFACTURER'S POSTED  
INSTRUCTIONS, WARNINGS AND CAUTIONS  
WHEN USING ANY PRODUCT.**



## **Harmsco® is Your Best Choice for Liquid Filtration Solutions!**



Harmsco® Filtration Products has remained an industry standard and benchmark since 1958. As a pioneer in the filtration industry, Harmsco holds numerous U.S. Patents for innovation filtration technologies while maintaining our focus and commitment toward quality and value for the end user.

**[www.harmsco.com](http://www.harmsco.com)**

For additional information, contact us now or visit us online!

*OEM and Custom Product Applications and Production opportunities  
are available, upon request.*



**Harmsco® Filtration Products**

P.O. Box 14066 / North Palm Beach / FL 33408 / 800.327.3248 / 561.848.9628 / Fax: 561.845.2474 / E-mail: [sales@harmsco.com](mailto:sales@harmsco.com)

